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## KATTEN MUCHIN ROSENMAN LLP

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Date	Client/Matter Number		
February 9, 2007	211843-00044		
From	Attorney Number		
John S. Paniaguas	32347		
Phone	Fax		
312.902.5312	312.577.4532		
Total number of pages, including cover letter: pages 37			
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**Comments**

RE Patent Application No. 10/582,392

Filing Date: June 9, 2006

Inventor: Horsky et al.

Title: Method and Apparatus for Extending Equipment Uptime in Ion Implantation

Confirmation No.: Unknown

Please file the attached.

Transmittal Form (1 p.)

Information Disclosure Statement (3 p.)

Form PTO/SB/08A (1 p.)

Form PTO/SB/08B

European Search Report (4 p.)

Cited Reference (26 p.)

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<p align="center"><small>Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act 2005 (H.R. 4818).</small></p> <h2 align="center">FEE TRANSMITTAL</h2> <h3 align="center">For FY 2006</h3>		<p align="center"><b>Complete if Known</b></p>	
<input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27		Application Number	10/582,392
<b>TOTAL AMOUNT OF PAYMENT</b> (\$)		Filing Date	June 9, 2006
		First Named Inventor	Horsky et al.
		Examiner Name	Unknown
		Art Unit	Unknown
		Attorney Docket No.	211843-00044

**METHOD OF PAYMENT** (check all that apply)

☐ Check  
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**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**  
 \_\_\_\_\_ - 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20

**Indep. Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**  
 \_\_\_\_\_ - 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

**Fees Paid (\$)**

<b>SUBMITTED BY</b>		
Signature	Registration No.	Telephone
	31,051 (Attorney/Agent)	(312) 902-5200
Name (Print/Type)	Date	
John S. Paniagua	February 9, 2007	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.**

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F-191

PTO/SB/21 (06-06)

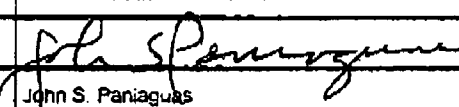
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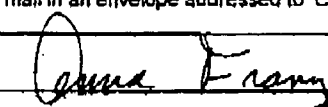
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<b>TRANSMITTAL FORM</b>	Application Number	10/582,392	
	Filing Date	June 9, 2007	
	First Named Inventor	Horáky et al.	
	Art Unit	Unknown	
	Examiner Name	Unknown	
(to be used for all correspondence after initial filing)		Attorney Docket Number	211843-00044
Total Number of Pages in This Submission			

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below).
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Katten Muchin Rosenman LLP		
Signature			
Printed name	John S. Paniaguas		
Date	February 9, 2007	Reg. No.	31,051

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Signature			
Typed or printed name	Anna M. Franz	Date	February 9, 2007

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/582,392
		Filing Date	June 9, 2006
		First Named Inventor	Horsky et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
Sheet 1 of 1	Attorney Docket Number	211843-00044	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>o</sup>
		Country Code 2 - Number 3 - Kind Code 4 (if known)					
/B.S./	B1	JP2000323051		11.24.2000	Nissin Electric Co. Ltd.		
/B.S./	B2	EP 1061550 A2		12.20.2000	Axcelis Technologies		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher city and/or country where published			T <sup>2</sup>
/B.S./	C1	European Search Report from EP 04 81 3789, dated January 10, 2007			
Examiner Signature	/Bernard Souw/			Date Considered	02/29/2008

\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
 1 Applicant's unique citation designation number (optional). 2 See kind codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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**FEB 09 2007**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:      Horsky, et al.  
Serial No.:                10/582,392  
Filed:                      June 9, 2006  
Title: METHOD AND APPARATUS FOR  
         EXTENDING EQUIPMENT UPTIME IN ION  
         IMPLANTATION  
  
Group Art Unit:            Unknown  
Examiner:                 Unknown

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Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

This document is being filed pursuant to the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

**I. TIME OF FILING**

- X   This document is being filed in accordance with 37 C.F.R. § 1.97(b) as it is believed to be filed:
- within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
  - within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
  - X   before the mailing of a first Office action on the merits; or
  - before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

**OR**

Application No. 10/582,392

Page 2 of 3

\_\_\_\_\_ This document is being filed in accordance with 37 C.F.R. § 1.97(c) as it is believed to be filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application. This Statement is accompanied by one of:

\_\_\_\_\_ the following statements; or

\_\_\_\_\_ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

\_\_\_\_\_ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

\_\_\_\_\_ The fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

**OR**

\_\_\_\_\_ This document is being filed in accordance with 37 C.F.R. § 1.97(d) as it is believed to be filed on or before the payment of the issue fee and is accompanied by one of the following statements and the fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

\_\_\_\_\_ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

\_\_\_\_\_ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Applicant(s) respectfully request that the documents listed on the attached Form PTO/SB/08A and/or Form PTO/SB/08B be considered and made of record.

**OR**

\_\_\_\_\_ It is requested that this Statement and enclosures be placed in the file. It is understood that the cited references will not be considered by the Office.

Application No. 10/582,392  
Page 3 of 3

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## II. FOREIGN PATENT OFFICE COMMUNICATIONS (if applicable)

One or more of the items of information contained in the information disclosure statement were cited in a communication from a foreign patent office in a counterpart foreign application.

A copy of the search report is attached.

## III. COPIES OF CITED REFERENCES

Because this application was filed prior to June 30, 2003, copies of the document(s) listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

OR

X Because this application was filed after June 30, 2003, copies of non-U.S. patent citations as listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

AND (if applicable)

All cited U.S. pending (non-published) applications listed on Form PTO/SB/08A are stored in the USPTO's IFW system. Copies are therefore not provided.

OR

One or more of the cited U.S. pending (non-published) applications (filed prior to June 30, 2003) as listed on Form PTO/SB/08A has not been stored in the USPTO's IFW system. Copies for the unstored applications are provided herewith.

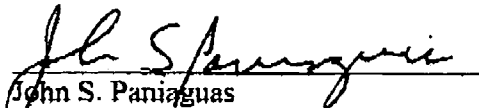
## IV. REMARKS

The above constitutes information that an Examiner may find material to the examination of the subject application; however, it does not negate the patentability of the subject invention. Furthermore, it is not intended that submission of this information be taken as a representation that a search has been made or that no information which is more material exists.

The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment with respect to this communication to Deposit Account No. 50-1214. A duplicate copy of this communication is enclosed.

Date: February 9, 2007

By:

  
John S. Paniaguas  
Attorney or Agent for Applicant(s)  
Reg. No. 31,051